Fully Integrated 30” Refrigerator
K 1813 Vi / K 1803 Vi
FULLY INTEGRATED 30" REFRIGERATOR
K 1813 Vi / K 1803 Vi

**SPECIFICATIONS**

| K 1803 Vi — Item 36180301USA - Right Hinged |
| K 1813 Vi — Item 36181301USA - Left Hinged |
| --- | --- |
| **Overall Unit Width** | 29½" (756 mm) |
| **Overall Unit Height** | 84" (2134 mm) |
| **Overall Unit Depth** | 24" (610 mm) |
| **Niche** | |
| **Minimum Cabinet Opening Width** | 30" (762 mm) |
| **Minimum Cabinet Opening Height** | 84" (2134 mm) |
| **Minimum Cabinet Opening Depth** | 25" (635 mm)* |
| **Interior Volume** | |
| **Fresh Food Volume** | 16.27 cu-ft (460.7 L) |
| **Electrical** | |
| **Electrical Requirements - Volts/Amps** | 110V / 120V, 60Hz, 15 Amps |
| | In the case of side-by-side installations, a separate outlet must be used for each appliance. |
| **Power Cord - Plug and length** | NEMA 5-15 plug, 5 ft (1.52 m) |
| **Custom Panel** | Please refer to the manual for further details. |
| **Maximum Panel Weight** | 110 lbs (50 kg) |
| **Maximum Panel Thickness** | 1⅛" (38 mm) |
| **Minimum Panel Thickness** | ¾" (19 mm) |
| **Shipping** | |
| **Shipping Weight** | 470.7 lbs (213.5 kg) |
| **Shipping Dimensions** | 33⅞" W x 89⅜" H x 29¼" D |
| **Support** | |
| **Call Miele** | (800) 999-1360 |
| **Miele Website** | www.mieleusa.com |
| **20/20 Link** | 2020technologies.com |

Please note the following:
- This specification sheet is for a single built-in unit.
- When combining multiple MasterCool units side-by-side, please refer to the Merging Kit specification sheet.

*If design calls for a partition less than 6 ½" (160 mm) the left unit's cutout will require an additional ½" (3 mm) to the width to allow installation of the Heating Mat/Merge Kit.

**K 1813 Vi / K 1803 Vi**

**Features:**
- MasterCool controls
- ClearView lighting system
- Drop and Lock Shelves
- SmartFresh storage drawers
- FullView storage drawers
- RemoteVision capable
- Acoustic door and temperature alarm
- Optical door and temperature alarm
- Energy Star
FOR FLUSH INSTALLATION

* Niche depth assumes a 3/4" (19 mm) panel, please adjust according to custom panel thickness

| E | 5 foot - Nema 5-15 molded plug power cord - connects lower left rear |
| O | Standard NEMA 5-15 Outlet - locate less than 9" above finished floor |

Notes

- All installations must be done in accordance with local codes
- Sides of adjoining cabinets should be filled (flush to frame) to insure proper fit and finish
- For side-by-side installation please refer to the Miele merging kit specification sheet - Some merge kits will require the location of the Electrical outlet(s) to be in adjacent cabinetry
- If design calls for a partition less than 6 5/16" (160 mm) the left unit's cutout will require an additional 1/8" (3 mm) to the width to allow installation of the Heating Mat.
POWER SUPPLY CONNECTION  
BACK VIEW

Electrical - 5 foot (1.52 m) - 120 Volt - 15 Amp - NEMA 5-15 molded plug

DOOR PANEL DIMENSIONS  
KFP 3003
(Available as an accessory)
CUSTOM PANEL INSTALLATIONS

**These units do not come equipped with a front panel.** They are designed to accept a custom door panel supplied by the cabinet maker. Miele has a unique panel integration system which allows the panels to align with the surrounding cabinets.

Panel size is determined in the following manner:

- **Width:** 29 3/4" (756 mm) in all cases
- **Thickness:** Minimum 3/4" (19 mm) outside frame
- **Height:** Determined using the following calculation:
  \[ \text{Panel Height} = \text{HOC} - \text{TKH} \]
  
  - \( \text{HOC} \) = Total height of cabinet or side panel
  - \( \text{TKH} \) = Toe-kick height

**Note:** Finish back side of panels to insure appearance. Panel may extend above unit. This is **not** considered in height calculation.

**Maximum panel weight:** 110 Pounds

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**Panel Notes**

*If the adjoining cabinets are taller than the height of machine (HOM) - the front panel may be extended accordingly. Simply maintain the toekick height and extend the panel the needed distance.*
HINGING DETAILS

90° Door

Thickness options

Door Swing

7/16” (11 mm)

32 1/4” (830 mm)

NOTE: Additional space needed depending on thickness of front panels and handle used

115° Door

Thickness options

Door Swing

11 3/4” (298 mm)

Max

NOTE: Additional space needed depending on thickness of front panels and handle used
HINGING DETAILS
115° OPENING

[Diagram showing hinging details with dimensions and notes]

NOTE: Additional space needed depending on thickness of front panels and handle used.

38 11/16" (98.4 mm)
7/16" (11 mm)

MAX

NOTE: Additional space needed depending on thickness of front panels and handle used.

3" (76.2 mm)
1-3/4" (44.5 mm)
1-3/8" (35 mm)
1-1/6" (29.6 mm)
1/4" (6.4 mm)
17/24" (18 mm)
2-1/24" (52 mm)
2-1/3" (59 mm)
2-5/8" (67 mm)
3" (76.2 mm)
1-3/4" (44.5 mm)
1-3/8" (35 mm)
1-1/6" (29.6 mm)
1/4" (6.4 mm)
17/24" (18 mm)
2-1/24" (52 mm)
2-1/3" (59 mm)
2-5/8" (67 mm)

0-3/4" (19 mm)
1" (25 mm)
1-1/4" (32 mm)
1-1/2" (38 mm)
0-1/8" (3 mm)
1-3/4" (44 mm)
1-1/4" (32 mm)
1" (25 mm)
0-3/4" (19 mm)
HINGING DETAILS
90° OPENING

When installing hinge side next to an appliance or object that is within range of the door panel, limit the door opening angle to 90°. This is done by installing the banking pin as illustrated. Insert the banking pin through the holes and drive in with a hammer.